

liftex[®]
the world's best slings



The most trusted name in slings since 1955

Your Authorized Liftex Distributor:

McLAUGHLIN HOIST & CRANE

(636)343-9700

www.StLCrane.com

PAC-Slings™

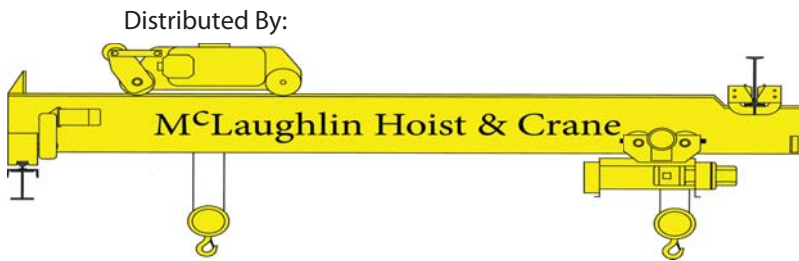
Premium Alloy Chain for High Heat & High Abrasion Applications

Pac-Link™ Slings are made of Grade 100 alloy chain. With a higher capacity than slings made of Grade 80, Pac-Link™ Slings are suitable in the temperature range of -40°F to 400°F. They have maximum abrasion and corrosion resistance. quadruple leg and multiple end fitting configurations.

HOW TO ORDER CHAIN SLINGS

- Determine maximum load to be lifted.
- Determine type of sling required: Single Leg (S), Double Leg (D), Triple Leg (T), Quadruple Leg (Q).
- Determine the proper angle between the leg of the sling and the load during operation.
- Select the proper bottom fitting: Master Link (O), Sling Hook (S), Grab Hook (G), Foundry Hook (F).
- Determine the overall reach/length of the assembly (measured from bearing point on top fitting to bearing point on bottom fitting).
- Choose chain size which meets your required work load, angle and reduction factor. Refer to charts on page 42 and 43.

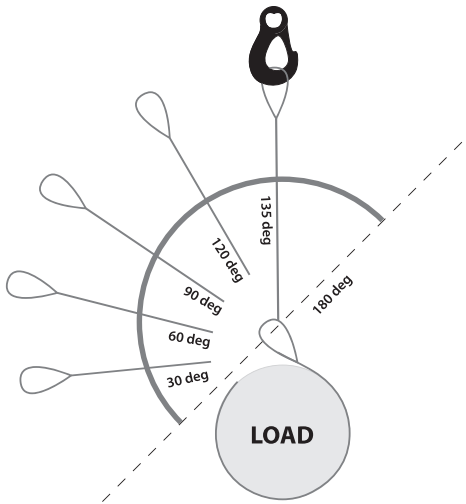
Example: Double Leg, Master Link top fitting, Sling Hook bottom fittings, 3/8" chain size, 20' length would be coded as: DOS 3/8 x '20



CAPACITY CHART FOR CHAIN SLINGS

G100 CHAIN SIZE	SINGLE LEG	DOUBLE LEG			TRIPLE & QUAD LEG		
		90°	60°	45°	30°	60°	45°
9/32	4300	7400	6100	4300	11200	9100	6400
5/16	5700	9900	8100	5700	14800	12100	8500
3/8	8800	15200	12400	8800	22900	18700	13200
1/2	15000	26000	21200	15000	39000	31800	22500
5/8	22600	39100	32000	22600	58700	47900	33900
3/4	35300	61100	49900	35300	91700	74900	53000
7/8	42700	74000	60400	42700	110900	90600	64000

Working load limits are valid between temperatures of -40°F and 400°F

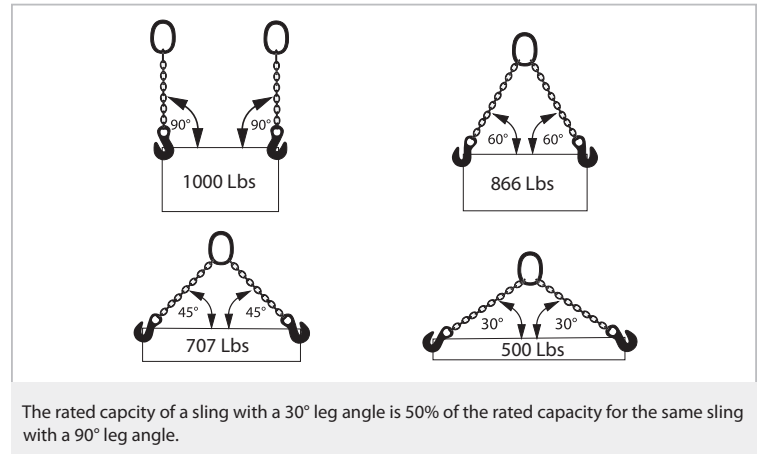
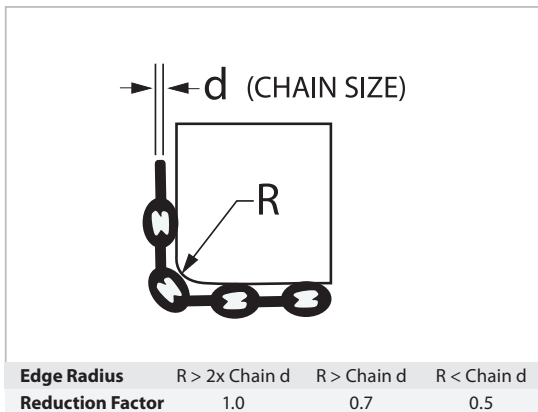


Angle of Choke Degree	Rated Capacity %
Over 120	100
90-120	87
60-89	74
30-59	62
0-29	49



When a load is rigged using a choker hitch, if the choke angle is less than 120°, then the rated capacity of the sling must be reduced.

- 1) Calculate the angle of choke (see illustration).
- 2) Determine the associated reduction factor (see chart).
- 3) Multiply the rated capacity for the choker hitch as indicated on the sling tag by the reduction factor.
- 4) The result is the safe capacity rating for that sling in the rigging configuration.



CHOKED ENDLESS CHAIN SLING WLL (IN POUNDS)

	MM	IN	90°	90°-60°	90°-60°
	9/32	4300	7400	6100	4300
	5/16	5700	9900	8100	5700
	3/8	8800	15200	12400	8800
	1/2	15000	26000	21200	15000
	5/8	22600	39100	32000	22600
	3/4	35300	61100	49900	35300
	7/8	42700	74000	60400	42700